EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	385/123 and veins and (rotational same symmetry).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/02 13:19
S1	13	((MARTIN) near2 (WUESTEFELD)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/29 23:13
S2	4	S1 and diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/29 23:26
S3	6	("20010040213" | "20050111236" | "5063288" | "5093879" | "5949584" | "6294777").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/29 23:14
S4	27920	(light near2 source diode vcsel) same grid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 23:27
S5	3706	grid same diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/29 23:27
S6	93	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 23:31
S7	0	S6 and diaprhagm same hole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:21
S8	18	S6 and diaphragm same hole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 23:37
S9	41	S6 and diaphragm same (hole aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 23:37
S11	9	S9 and (hole aperture) near10(millimeter mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 23:38
S12	9	S9 and (hole aperture) near10 (millimeter mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/29 23:40

S13	8	S12 and @ay<="2004"	US-PGPUB, USPAT; EPO, JPO; DERWENT	OR	ON	2007/11/07 11:48
S14	7	S12 and @ad<"20040311"	US-PGPUB, USPAT; EPO, JPO; DERWENT	OR	ON	2006/09/30 21:47
S15	4	S14 and diaphragm near10 (mm millimeter)	US-PGPUB, USPAT; EPO, JPO; DERWENT	OR	ON	2006/09/29 23:44
S16	27920	(light near2 source diode vcsel) same grid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 00:44
S17	3706	grid same diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 00:21
S18	93	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:21
S19	18	S18 and diaphragm same hole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:21
S20	41	S18 and diaphragm same (hole aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:22
S21	9	S20 and (hole aperture) near10 (millimeter mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:22
S22	7	S21 and @ad<"20040311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:22
S23	7	S22 and diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:22
S24	10	("3706486" | "4039245" | "4132468" | "4732453" | "5191449" | "5245448" | "5521724" | "5581402" | "5680231" | "5825540").PN. OR ("6837585").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 00:42
S25	1	S23 and (micrometer ".mu.")	US-PGPUB, USPAT, USOCR	OR	ON	2006/09/30 00:42

S26	769	(light near2 source diode vcsel) and grid and diaphragm same (hole aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 00:45
S28	126	S26 and emit$5 near20 (substrate surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 00:46
S29	83	S26 and emit$5 near5 (substrate surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 00:46
S30	62	S29 and @ay<="2004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:49
S31	12	S30 and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 00:59
S33	1	(vcsel diode) same light near emitting near surface and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 01:06
S34	1	(vcsel diode led) same light near emitting near surface and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 01:07
S35	1	(vcsel diode led) and light near emitting near surface and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 01:07
S36	0	(vcsel diode led) and lemitting near surface and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/24 15:40
S37	12	(vcsel diode led) and emitting near surface and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 21:42
S38	19879	(laser near2 diode diode led vcsel) same surface near3 (transmit$4 emit$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:41
S39	3706	grid same diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 21:46
S40	6	S38 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 21:44

S41	26027	grid same (film diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 23:41
S42	6	S38 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 21:46
S43	202	S38 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 21:46
S44	335604	(hole aperture) same (film diaphragm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 21:59
S45	67	S43 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 21:46
S46	49	S45 and @ad< "20040311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 21:47
S47	25	S45 and @pd< "20040311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:43
S48	65	("5239178").URPN.	USPAT	OR	ON	2006/09/30 21:52
S49	4652	S38 and (laser near2 diode diode led vcsel).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 21:53
S50	171	S49 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 21:59
S51	15	S45 and @pd< "20030311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:00
S52	72	S50 and @pd< "20030311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:15

S53	16	S52 and (film diaphragm) near5 (hole aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:15
S54	11	S53 not (hole aperture) near3 electron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:20
S55	0	S54 and (focal focus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:19
S56	11	S53 not ((hole aperture) near3 electron)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:24
S57	0	S56 and grid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 22:24
S58	7	("5239178" | "5315700" | "5381236" | "5563962" | "5737456").PN. OR ("6016367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 22:28
S59	4	("5031187" | "5073041"). PN. OR ("6259715").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 22:31
S60	10	("3706486" | "4039245" | "4132468" | "4732453" | "5191449" | "5245448" | "5521724" | "5581402" | "5680231" | "5825540"). PN. OR ("6837585").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 22:38
S61	6	"6486467"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:25
S62	18	"6586721"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:26
S63	4	(("6486467") or ("6586721")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:26
S64	3	(S61 S62) and (barrier film diaphragm) same (hole aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:29
S65	24	("3697762" | "3842263" | "4340813" | "5225689" | "5650612" | "5666376" | "5753929" | "5757741"). PN. OR ("6586721").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 23:28
S66	0	S65 and (barrier film diaphragm) same (hole aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:29

S67	7	(US-20020122024-$).did. or (US-6837585-$ or US-4376907-$ or US-6016367-$ or US-6259715-$ or US-6512248-$ or US-6586721-$).did.	US-PGPUB; USPAT	OR	ON	2006/10/01 14:53
S68	1	S67 and (hole aperture) near8 diameter	US-PGPUB; USPAT	OR	ON	2006/09/30 23:39
S69	10	("2310811" | "2443916" | "3278779" | "3870002" | "3894261").PN. OR ("4376907").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/30 23:39
S70	26412	grid same (film diaphragm ((optical photo) near2 layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 23:42
S71	3351	S70 and (laser near2 diode diode led vcsel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/30 23:43
S72	201604	(film diaphragm ((optical photo) near2 layer) same (millimeter mm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 23:42
S73	809	S71 and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 23:42
S74	111311	(film diaphragm ((optical photo) near2 layer)) same (aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 23:42
S75	142	S73 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/30 23:42
S76	99	S75 and @pd< "20040311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:06
S77	2	(laser near2 diode diode led vcsel).ti. and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:05
S78	10	("3698078").URPN.	USPAT	OR	ON	2006/10/01 00:04

S79	37	(laser near2 diode diode led vcsel) and grid and (((optical photo) near (film layer diaphragm)) same aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:24
S80	21	S79 and @pd< "20040311"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:06
S81	19	S80 not "numerical aperture"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:07
S82	7	S81 and grid same aperture	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:07
S83	81	(laser near2 diode diode led vcsel) and grid and (((optical photo) adj2 (film layer diaphragm)) same aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:26
S84	54	(laser near2 diode diode vcsel) and grid and (((optical photo) adj2 (film layer diaphragm)) same aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/01 00:26
S85	6	("6078064" | "6225648"). PN. OR ("6512248").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/01 00:28
S86	7	(US-20020122024-$).did. or (US-6837585-$ or US-4376907-$ or US-6016367-$ or US-6259715-$ or US-6512248-$ or US-6586721-$).did.	US-PGPUB; USPAT	OR	ON	2006/10/01 00:30
S87	6	S86 and (film layer barrier diaphragm) and aperture	US-PGPUB; USPAT	OR	ON	2006/10/01 00:30
S88	7	(US-20020122024-$).did. or (US-6837585-$ or US-4376907-$ or US-6016367-$ or US-6259715-$ or US-6512248-$ or US-6586721-$).did.	US-PGPUB; USPAT	OR	ON	2006/10/01 15:17
S89	6	S88 and thick$4	US-PGPUB; USPAT	OR	ON	2006/10/01 15:04
S90	2	S88 and vcsel	US-PGPUB; USPAT	OR	ON	2006/10/01 15:05
S91	121	(hole aperture) near2 (layer surface film diaphragm) and (layer surface film diaphragm) near5 (distance space) near3 (emitting near surface)	US-PGPUB; USPAT	OR	ON	2006/10/01 15:20

S92	81879	(optical photo) adj2 (layer surface film diaphragm)	US-PGPUB; USPAT	OR	ON	2006/10/01 15:19
S93	37	S91 and S92	US-PGPUB; USPAT	OR	ON	2006/10/01 15:19
S94	69	(hole aperture) near2 (layer film diaphragm) and (layer surface film diaphragm) near5 (distance space) near3 (emitting near surface)	US-PGPUB; USPAT	OR	ON	2006/10/01 15:20
S95	37	S91 and S92	US-PGPUB; USPAT	OR	ON	2006/10/01 15:20
S96	69	S91 and S94	US-PGPUB; USPAT	OR	ON	2006/10/01 15:22
S97	50	S96 not electron near2 hole	US-PGPUB; USPAT	OR	ON	2006/10/01 15:45
S98	7	S88 and (distance space)	US-PGPUB; USPAT	OR	ON	2006/10/01 15:52
S99	4	S88 and (diameter radius)	US-PGPUB; USPAT	OR	ON	2006/10/01 16:11
S100	1	10/076468	US-PGPUB; USPAT	OR	ON	2006/10/01 16:11
S101	1	11/076468	US-PGPUB; USPAT	OR	ON	2006/10/01 16:13
S102	1	vcsel same (cob cof)	US-PGPUB; USPAT	OR	ON	2006/10/01 16:13
S103	955	vcsel same (chip adj on (board film))	US-PGPUB; USPAT	OR	ON	2006/10/01 16:14
S104	0	vcsel same (chip adj on adj (board film))	US-PGPUB; USPAT	OR	ON	2006/10/01 16:14
S105	39	vcsel same (chip adj2 (board film))	US-PGPUB; USPAT	OR	ON	2006/10/01 16:15
S106	0	vcsel same "chip on board"	US-PGPUB; USPAT	OR	ON	2006/10/01 16:15
S107	1754	ptfe same hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/01 16:03
S108	20	ptfe same hydrogen and scavenging	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/01 16:03
S109	138	(hole aperture) near2 (layer surface film diaphragm) and (layer surface film diaphragm) near5 (distance space) near3 (emitting near surface)	US-PGPUB; USPAT	OR	ON	2007/05/24 15:32

S110	28533	(light near2 source diode vcsel) same grid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 15:33
S111	3746	grid same diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/24 15:33
S112	99	S110 and S111	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/24 15:33
S113	44	S112 and diaphragm same (hole aperture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/24 15:33
S114	16	S113 and (hole aperture) same (millimeter mm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/24 15:33
S115	14	(vcsel diode led) and emitting near surface and grid same diaphragm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/24 15:41
S116	9	"6486467"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/07 11:48
S117	41	vcsel and (light with grid) and aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/09 14:57
S118	2	"7141780"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:14
S119	1	2005/0123014	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:32
S120	1	2005/0123014	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:32
S121	0	2005/123014	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:33

S122	210056	shimizu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:34
S123	22024	S122 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:34
S124	119	S123 and vcsel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:34
S125	38333	pin adj hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:43
S126	6855	linear adj dimension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:43
S127	636148	optical and light and source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:43
S128	16	S125 and S126 and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/22 14:44
S129	203882	two same fold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 13:31
S130	12654	rotational same symmetry	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 13:31
S131	497	S129 same S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 13:31

S132	13047	photonic and crystal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 13:32
S133	39	S132 and S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 13:32
S134	215	"5802236"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 14:03
S135	4	"2001026667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 14:18
S136	4	"2001026667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 14:18
S137	118996	okamoto	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 14:19
S138	391	okamoto and katsunari	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 14:19
S139	3	"20040151450"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 14:41
S140	3	wadsworth and (beat same length) and photonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 15:08
S141	212	(beat same length) and photonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 15:09

S142	871	((beat adj length))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 15:10
S143	2807	(beat same (wavelength))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 15:10
S144	6	S133 and S142	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/16 15:11

6/2/2010 1:22:31 PM
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